

Abstract of the Disclosure

A redundancy control circuit includes a plurality of program elements and a voltage control section. In the
5 plurality of program elements, a defect address indicating a position of a defect is programmed by a dielectric breakdown due to applying of a voltage. The voltage control section applies the voltage to a part of a plurality of targeted program elements simultaneously. The plurality
10 of targeted program elements is a part of the plurality of program element to be dielectrically broken down correspondingly to the defect address.